"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861020014-8

USSR/Cosmochemistry - Geochemistry. Hydrochemistry, D Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 732

Abstract: conditions. This is supported by the presence in the ore district of moisture-loving flora which in future geological prospecting can be used as an indication of the occurrence of GC.

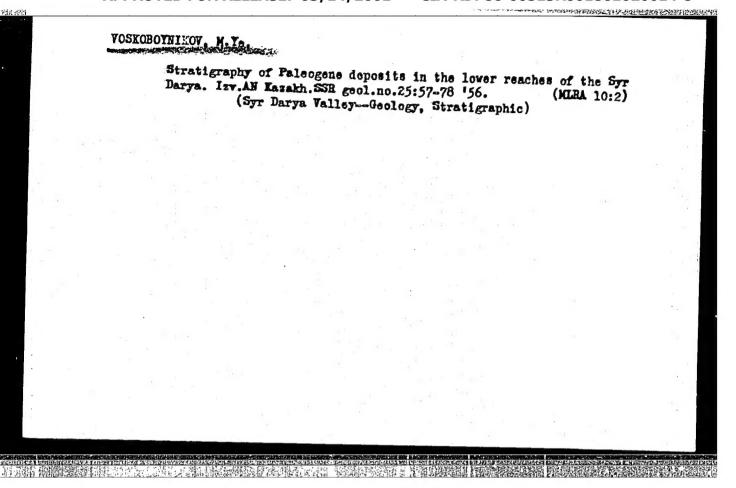
Card 2/2

VOSKOBOYNIKOV, M.Ye.

Stratigraphy of Mesozoic deposits in the lower reaches of the Syr Darya. Izv. AN Kazakh. SSR. Ser.geol. no.24:107-111 56. (MLRA 10:2)

(Syr Darya Valley -- Geology, Stratigraphic)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020014-8"



THE PROPERTY OF PROPERTY OF THE PROPERTY OF TH

A UTHOR VOSKOBOYNIKOV TITLE On the Period of Settling of the Platform system in the East of the Near-Aralian Region. (O vremeni ustanovleniya platformenogo rezhima v vostochnom Priaral'ye -Russian) FERIODICAL Doklady Akademii Nauk, SSSR, 1957, Vol 113, Nr 1, pp 165-168, (U.S.S.R.) Received 6/1957 Reviewed 7/1957 ABSTRACT The region of cretaceous rock between Kazalisk and Dzusal was regarded as a buried continuation of the Kara-Tau-chain. It was, however, found that it is a great separated Dzusal-elevation. In the cores of the structures of second and third order older sediments of the upper cretaceous system appear, which could not be detected on the surface. Younger rocks of the fold-complex, as perm, are known neither in these mountains nor in the Hunge-steppe (Betpakdala). This led many research workers to believe that the mesozoic rocks of the Syr-Darja-lower course and the Turgay-valley are based on the palaeozoic complex. During the last years borings were carried out in the North and North-East of the station Tyuratam and to a great extent dislocated red and dark-grey argillites and sandstone were found. Gradient angles of 30-750 were observed. Neither microflora nor microfauna was found, a fact which complicated the determination of age. According to exterior features these strata are assumed to belong to cambrium, and the silurian age was assumed tobe the latest. This was then brought forward as main argument for the hopelessness of finding Card 1/3 oil in these regions. Madame Murakhovskaya, E.I., now herefrom isolated

 On the Period of Settling of the Platform System in the East of the Near-Aralian Region.

PA - 2928

a spore-pollen-complex which is characteristic for upper trias sediments. According to their lithologic composition this stratum of tries. rocks is subdivided into three suites (beginning at the bottom) - under takyrsay, takyrsay and upper takyesay suite. From four models of the under takyrsay suite spores and pollens are Asolated and the motherplants determined. Microscopic investigation disclosed some glauconite grains were found which indicates the marine origin of these sediments. What we have said before makes it possible to say that the geosynclinal regime east of the Near-Aralian-Region existed up to the end of trias. The formation of the structures of these regions was completed by the old cimmerion folding phase. The development of a platform regime must be connected with the end of the jura period. As for as the formation of the basic structures of the folded fundament of the Eastern Aralian Region was completed towards the end of Trias it is probable that in the wide depressions even in the Jura period a marine or lagoon regime could exist as the successor of Trias. This circumstance increases the chances of finding oil since it makes such horizons as the lower mesozoic era appear promising for oil. (1 ill., Itable, 5 literature references).

Card 2/3

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... ___ and an analysis of the little property and the

On the Period of Settling of the Platform System in the Era of the Near-Aralian-Region.

ASSOCIATION

Institute of Geological Sciences of the Academy of Science of the Kazakh SSR, (Institut Geologicheskikh Nauk, SSR)

PRESENTED BY SATPAYEV, K.I., Member of the Academy. 5.3.1957.

AVAILABLE Card 3/3

Library of Congress.

VOSKOBOYNIKOV, M.Ye.; MARTYNOVA, M.Ya.

Stratigraphy of the Marine Paleogene in the Kzyl-Orda region. Izv.

AN Kazakh. SSR. Ser. geol. nauk no.5:60-62 '63. (MIRA 17:1)

1. Institut geologicheskikh nauk All KazSSR, Alma-Ata i Yuzhno-Kazakh-stanskoye geologicheskoye upravleniye, Alma-Ata.

Voskoboynikov, E. Ye. 20-119-6-39/56 TITLE: The Position of Nummulitic Limestones in the Paleogene Cross Section of Northern Priscaltye (Polozheniye nummulitovykh izvestnyakov v razreze paleogena Severnogo Priaral'ya) Doklady Akademii nauk SSSR, 1958, Vol. 119, Nr 6, PERIODICAL: PP. 1191-1194 (USSR) ABSTRACT The investigations of the last years have shown that the frequently nummulite-bearing limestone horizon can be

followed in the cross section of the marine Paleogene on the large territory from the Caspian Sea to the Prikaratauskiy district. (Table 1). It corresponds to the basin of the carbonate facies of the Eccene, which are relieved northwards by silicate facies (Ref. 5). Therefore it is very important for the right understanding of the Paleogene stratigraphy of the region mentioned in the title and of the neighboring regions to determine the position of nummulitic limestones and their interrelations with the layers lying below and above them. Some published

Card 1/3

AUTHOR:

- PRINCIPAL COLUMN PROPERTURA DE LA COMPANION DE LA COLUMN PROPERTURA DEL COLUMN PROPERTURA DE LA COLUMN PROPERTURA DE LA COLUMN PROPERTURA DEL COLUMN PROPERTURA DE LA COLUMN

The Position of Nummulitic Limestones in the Paleogene Cross Section of Northern Prisral'ye

20-119-6-39/56

data and critical considerations state the diasgreement of the researchers with regard to the age of individual Paleogene horizons. Then follows a detailed description (from bottom to top) of a cross section in the Ak-Kuurdan defile. Based on this description and on that of the neighboring regions (Ref. 3) the author made the following conclusions: 1) The parcel of the quartz-glauconite--sands of the Akzharskaya suite cannot be a littoral facies of the Tasaranskaya suite but forms an independent stratigraphic unity. It is older than the Lower Eocene nummulitic limestones of the surroundings (Refs. 3, 4). The nummulitic limestones (Tuguzskiy horizon) are not an anticlinal facies of the Tasaranskaya suite, but they are a quite independent stratigraphic unity. 3) The higher lying brownish gray loams neither may be united with the quartz--glauconite-sands of the Akzharskaya suite to one suite nor with the limestones mentioned under 2). They also form an independent unity. By means of precising the position of the nummulitic limestones the correlation of the stratigraphic scheme of the Paleogene sediments of the northern Priaral'ye with the neighboring regions (Table 1) was rendered possible.

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The Position of Nummulitic Limestones in the Paleogene Cross Section of Northern Priaral'ye

20-119-6-39/56

There are 3 figures, 1 table and 7 references, 7 of which

ASSOCIATION:

Institut geologicheskikh nauk Akademii nauk KazSSR (Institute of Geological Sciences AS Kazakh SSR)

PRESENTED:

December 21, 1957, by K. I. Satpayev, Member, Academy

SUBMITTED:

December 18, 1957

Card 3/3

"APPROVED FOR RELEASE: 03/14/2001 CIA-F

CIA-RDP86-00513R001861020014-8

VOSKOBOYNIKOV, M.Ye.

Triasaic deposite in the lower Syr-Darya Valley. Vest. AN Kazakh.
SSR 14 no.6:73-77 Ag '58.
(Syr Darya Valley--Geology, Stratigraphic)

(Syr Darya Valley--Geology)

BAZHANOV, V.S.; VOSKOBOYNIKOV, M.Ye.; GLADKOV, I.I.; MNUSHKIN, L.B.

Stratigraphic position of recently found remains of marine mammals on the Mangyshlak Peninsula. Mat. po ist. fauny i flory Kazakh. 2:17-27

(Mangyshlak Peninsula--Paleontology, Stratigraphic)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020014-8"

Translation from: Referativnyy zhurnel, Geologiya, 1957, Nr 5, 15-57-5-6950D

p 176 (USSR)

AUTHOR:

Voskoboynikov, M. Ye.

TITLE:

Geological Structure of Southeastern Part of Aral-Kazalinsk Depression (Geologicheskoye stroyeniye yugovos tochnoy chasti Aralo-Kazalinskoy vpadiny)

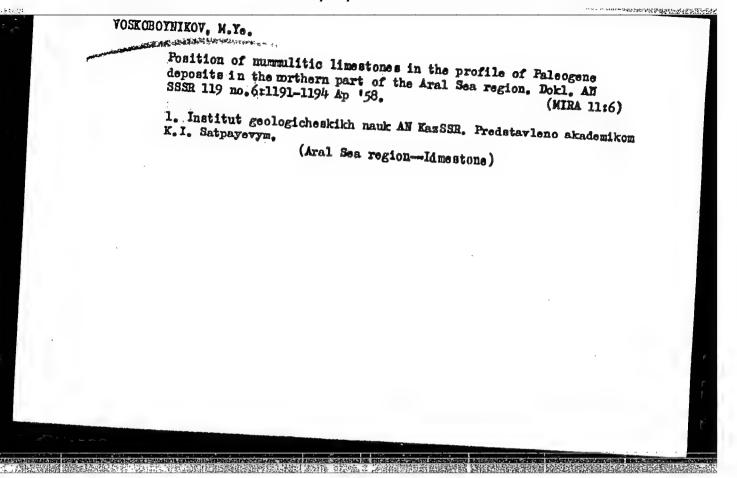
ABSTRACT:

Bibliographic entry on the author's dissertation for the degree of Candidate of Geological and Mineralogical Sciences, presented to the In-t gcol. nauk AN KezSSR (Institute of Geological Sciences of the AS Kazakhstan SSR), Alma-Ata, 1956.

ASSOCIATION: In-t gool. nauk AN KazSSR (Institute of Geological

Sciences of the AS Kazakhstan SSR)

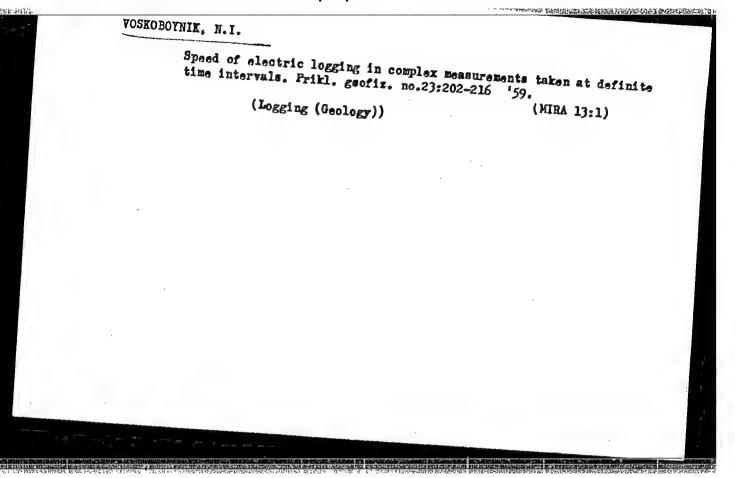
Card 1/1



BATTALOVA, Sh.; VOSKOBOYNIKOV, M.Yc.; LIKEROVA, A.A.

Bentonites of the Mangyahlak Peninsula. Vest. AN Kazekh.

(MIRA 17:9)



"Testing Logging Cables"

Prikladnaya geofizika; sobornik statey, vyp. 21 (Applied Geophysics; Collection of Articles, Nr 21) Moscow, Gostoptekhizdat, 1958. 221 p.

- General Problems.

Q-1

Abs Jour

: Ref Zhur - Biol., No 7, 1958, 30901

Author

Shain S.S., Voskoboynikova N.A.

Inst Title

: The Nutritiousness of Red Clover Hay and of the Clover-

(Pitatel'nost' sena klevera krasnogo i klevero-timofcye-

chnoy travosmesi).

Orig Pub

: Zhivotnovodstvo, 1957, No 4, 56-59.

Abstract

The profitableness of sowing the clover-timothy mixture, as compared with the sowing of pure clover and timothy, is pointed out. The crop of the hay of the clovertimothy mixture surpassed the crop of the clover hay (from the same area) as to feed units, by 76%, and as to digestible protein, almost by 40%.

Card 1/1

16.7800, 24.6000

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SOV/57-30-1-13/18

AUTHOR:

Voskoboynikov, G. M.

TITLE:

Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propaga-

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, 1960, Vol 30, Nr 1, pp 90-95 (USSR)

ABSTRACT:

Recently Dyad'kin (Izv. AN SSSR, ser. geofiz., Nr 4, 1955), the author (Izv. AN SSSR, ser. geofiz., Nr 4, 1957), and Novozhilov (ZhTF, 33, 1287, 1957) discussed an approximate method for calculating the propagation of γ -rays in uniform media representing the multiple scattering of relatively soft γ -quanta as a diffusion of disordered particles satisfying the condition

 $S = -D \operatorname{grad} n$

(1)

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Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propagation

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where S - intensity of the flow of quanta; n - distribution density; D - coefficient of diffusion. Depending on the manner one averages the mean paths and lifetimes of quanta, Eq. (1) can be used for investigations of the spectral composition of the scattered
radiations or for investigations of integral (over
radiations or for investigations of integral (over
To apply this simple diffusion approach, it is sufficient that conditions be satisfied

$$k_1 \gg 1; \quad r \gg \frac{1}{\sigma_1}; \quad \sigma_1 \gg \tau_1,$$
 (2)

Card 2/13

where k_1 - initial wave length of quanta (in Compton units); r - distance from the source of radiation; σ_1 and τ - respective coefficients of Compton

Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y -Rays Propagation

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interactions and photoabsorption for quanta of wavelength k1. These conditions limit very much the region of applicability of the method. On the other hand, the author believed that the character of γ ray interaction with matter leads one to expect that the Eq. (1) and consequently the diffusion method should be valid in a much larger region. To check this assumption experimentally, the author compared his experimental data with theoretical computations for radiations by ${\rm Hg}^{203}({\rm k}_1=1.82)$ and ${\rm Co}^{60}({\rm mean}\ {\rm k}_1=1.82)$ = 0.41) in water and sand with small additions of lead. 1. Experimental Setup and Procedures. Materials described in Table 1 were placed in a cylindrical container with a 40 cm diameter and 60 cm high. k2 is the limiting wavelength value of the spectrum of scattered waves. An aluminum tube 30 mm in diameter and 1.5 mm wall thickness was used in the

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Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propagation

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Table 1. Characteristics of scattering media. (a) Serial number of the medium; (b) composition; (c) basic component; (d) addition of lead, %; (e) density, gm/cm³; (f) wet quartz sand; (g) same; (h) water.

(2)	(())		T
	(c)	· (d)	(e)	k,
1 2 3 4 5 6	(f) (g) (g) (h) (g)	0 0.5 1.50 0 0.50 1.34	1.63 1.61 1.65 1 1.005 1.013	7.46 6.16 4.87 11.92 8.92 5.46

Card 4/13

Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propagation

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"一种"的复数对抗性,则是是以及其一种

center as container of probes. The probe consisted of a thick lead cylinder screen fitting the aluminum tube and having at the bottom an approximately 2 mCurie of the or 0.3 mCurie Coo. On the upper side of the screen were located gaseous discharge tungsten of the counters. Distance between the source and the center of the counter could be varied between 21 and located 10 cm under the surface of the scattering author made sure that the introduction of the probe measured quantities. He also assumed that the counters ing photos until the k-photoabsorption limit of tungsten is reached. For rays containing intensive components of wavelengths larger than 7.4, one can expect a disagreement between theoretical and experimental data. 2. Evaluation of Results. At distance r from a

Card 5/13

Accuracy and Limits of Application of the Diffusion Approximation to the Solution of \(\gamma - \text{Rays Propagation} \)

77334 SOV/57-30-1-13/18

monochromatic point source of strength Q in a uniform medium of density ρ , the intensity of γ -radiation is given in the diffusion approximation by the equation:

$$J = \frac{m}{r}e^{-Hr},$$
 where

(3)

$$m=\frac{Q}{4\pi}\frac{3(k_2-k_1)}{\lambda},$$

(4)

$$q = \frac{\sqrt{3(k_2 - k_1)}}{\lambda_2},$$

(5)

 ${\bf k_1}$ - wavelength of primary rays; ${\bf k_2}$ - mean wavelength at which the photoabsorption of multiple reflected quanta occurs, and determined from

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Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propagation

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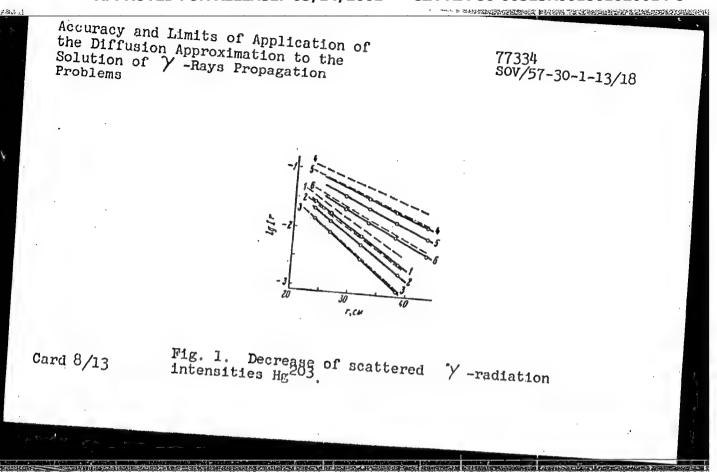
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$$\int_{I_1}^{k_2} \frac{\tau}{\sigma(1-l)} dk = 1$$

$$\lambda = \int_{k_1}^{k_1} \frac{dk}{\sigma(1-l)}$$

- mean full path length of quanta in the medium until the moment of absorption; t - mean cosine of the scattering angle; of and T - respective Compton as functions of k. On Figures 1 and 2 are experimental pashed lines are the corresponding theoretical curves. Table 2 and 3 contain the comparison of measured and

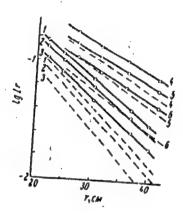
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Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propagation Problems

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Fig. 2. Decrease of scattered 7 -radiation

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Accuracy and Limits of Application of the Diffusion Approximation to the Solution of \(\gamma - \text{Rays} \) Propagation

77334 SOV/57-30-1-13/18

computed parameters m, q, and Δ q, the difference in question. The author explains changes in the above parameters by (a) the effects of the 4 mm Fe filter the influence of the changes of the average atomic the influence of the changes of the average atomic therefore, on the sensitivity of the counter. Conclusions. 1. Diffusion approximation can be used for the soft γ -radiations with initial wavelengths of the order of 2 Compton units and at distances larger analytical form of the intensity vs. distance relationship and other features characterising the diffuradiation (k1 \geqslant 0.41). The diffusion method can be used in this region for qualitative investigations of

Card 10/13

Table 2. Parameters of Diffusion / -quanta of Mg²⁰³ (a) Scrial number of the medium; (b) experimental; (c) theoretical.

			-			
(a)	15:	-		· 10*		7 - 10*
	(b)	(c)	(6)	(c)	(b)	1
1	1	١,		İ	1	(c)
3 4 5 6	0.98 1.05 0.77 0.68 0.61	0.94 0.91 0.76 0.71 0.63	9.35 10.11 11.07 9.44 10.17 11.39	8.76 9.51 10.71 8.10 9.07 11.29	0 +0.76 1.72 -1-0.09 +0.82 2.04	0 +0.75 +1.95 -0.66 +0.31 +2.53

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77334, sov/57-30-1-13/18

Table 3. Parameters of Diffusion γ -quanta \cos^{60} . (a) Serial number of the medium; (b) experimental; (c) theoretical.

(a)			4 · 100		A - 100	
	(b)	(c).	(b)	(c)	(b)	(0,
12345:	1 0.95 0.84 0.90 0.71 0.62	1 0,92 0.87 0.79 0.72 0.60	5.36 5.63 5.75 6.01 5.90 6.35	6.54 6,77 7.08 6.58 7.00 7.72	0 +0.27 +0.39 +0.65 +0.54 +0.99	0 +0.2: +0.54 +0.04 +0.46 +1.18

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CIA-RDP86-00513R001861020014-8

Accuracy and Limits of Application of the Diffusion Approximation to the Solution of Y-Rays Propagation

77334 sov/57-30-1-13/18

Y -ray propagation under condition of geometry not allowing an exact calculation using exact methods. There are 2 figures; 3 tables; and 5 references, 4

ASSOCIATION:

Ural' Branch AS USSR, Institute of Geophysics) (Ural'skiy filial AN SSSR, Institut geofiziki)

SUBMITTED;

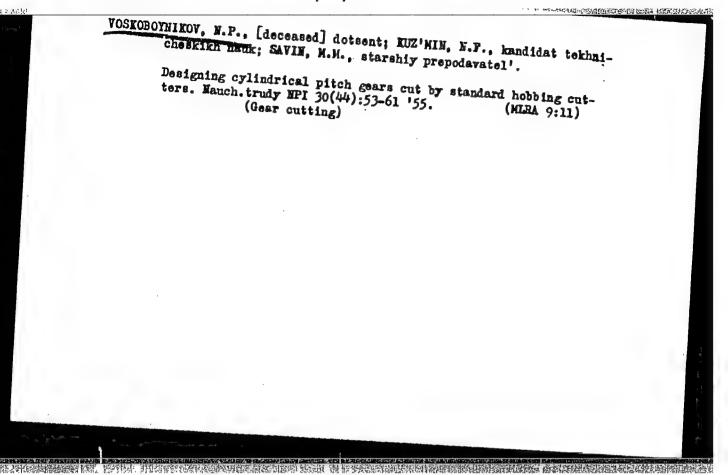
February 20, 1958

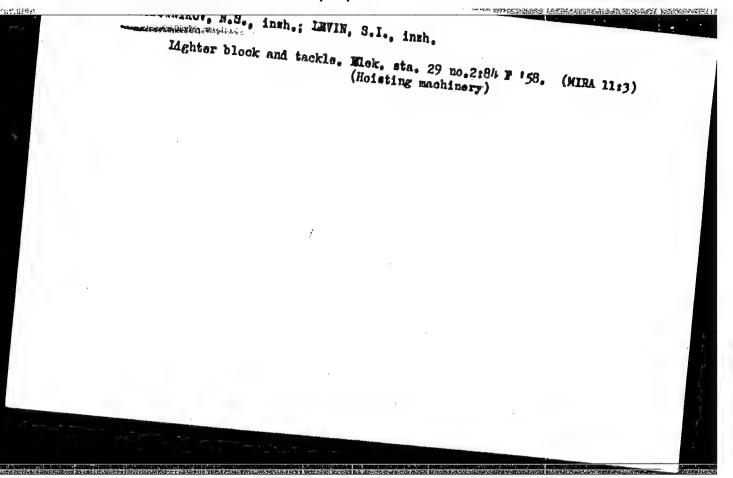
Card 13/13

TIKHOMIROV, V.V.; VOSKRESENSKAYA, N.A.

Momorable dates for November-December, 1963. Sov. geol. 7
no.1:142-150 Ja '64. (MIRA 17:6)

1. Geologicheskiy institut AN SSSR.





Voskoboynikov, S. I.

"The magnetostriction of ternary alloys of fron-mickel-cobalt."

Min Education Refer. Poscon State Pedagogical Inst ineni V. I.

Chain. Noscon, 1956 (Dissertation for the degree of Candidate in Physicomathematical Science)

Knizhnaya letonis!

No. 25, 1956. Noscon

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861020014-8

AUTHOR: Voskoboynikov, S.I.

SOV-115-58-4-25/45

TITLE:

A Highly-Sensitive Method of Measuring Magnetostriction (Vysokochuvstvitel'nyy metod izmereniya magnitostriktsii)

PERIODICAL:

Izmeritel'naya tekhnika, 1958, Nr 4, pp 59-61 (USSR)

ABSTRACT:

Kornetskiy $\sqrt{Ref.}$ 17 and Selisskiy $\sqrt{Ref.}$ 27 have devised a highly sensitive optico-mechanical method of measuring magnetostriction. The method described in the article is a development of this, devised by the author in TSNIICHERMET, and differing from the former in that it consists of a double Class II lever, the end of which turns a needle with a small mirror (Figure 2). The construction and operation of the magnetostriction gage is described and compared with the Kornetskiy-Selisskiy device. It is superior by having: a constant amplification, independent

Card 1/2

A Highly-Sensitive Method of Measuring Magnetostriction SOV-115-58-4-25/45

of the position of the light indicator, greater sensitivity and the ability to measure both longitudinal and transverse magnetostriction. Its maximum relative measurement error is There are 2 diagrams, 1 graph and 3 references, 2 of which are Soviet and 1 German.

1. Magnetostriction--Measurement

Card 2/2

AUTHOR: Yoskoboynikov, S. I.

SOV/126-6-6-7/25

· TITLE:

Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Alloys with Iron-Nickel and Iron-Cobalt Bases (Magnitostriktsiya i namagnichennost' troynykh splavov zhelezo-nikel'-kobal't na zhelezonikelevoy i zhelezokobal't-

PERIODICAL: Fizika metallov i metallovedeniye, 1958, Vol 6, Nr 6, pp 1011-1016 (USSR)

ABSTRACT: The present paper reports the results of investigation of magnetostriction and magnetization of ternary iron-nickelcobalt alloys of compositions which were not studied so far but which are important in practical applications of these alloys. Magnetostriction was measured by means of an opticalmechanical system. This system uses a double lever and was developed by the author at the Institute of Precision Alloys of the Central Scientific-Research Institute for Ferrous Metals (TSNIICHERMET). The apparatus is shown in Fig.1. Changes in the length of sample 1 on magnetization are transmitted to the driving lever I of length b . One end of the lever I is fixed and at a distance a from this fixed point the lever I and the sample 1 are coupled mechanically at a point A Card 1/7 The other end of the driving lever I is attached rigidly to

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Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Alloys with Iron-Nickel and Iron-Cobalt Bases

a driven lever II of length d at a distance c from the fixed end of the driven lever. The free end of the driven lever II rotates a shaft 2 which has a small mirror 4 attached to it. A ray of light is sent out by a source 3 and is reflected by the mirror 4 on to a scale 5. Magnification produced by this system is given by K = 2iR/D, where i = bd/ac, D is the diameter of the shaft to which the mirror 4 is attached and R is the distance between the scale and the mirror. In the apparatus used by the author, i = 25, D = 0.5 mm and R = 1000 mm. Under such conditions the value of the magnification K is equal to 100 000. Calibration of the apparatus using nickel showed that a displacement of 1 mm on the scale corresponded to a change of length of the sample by 1.01 x 10⁻⁵ cm. Samples were magnetized in a solenoid and their magnetization was measured by means of a ballistic galvanometer. Two series of iron-nickel-cobalt alloys were prepared. Technically pure iron, electrolytic nickel and electrolytic cobalt were melted

Card 2/7

Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Allows with Iron-Nickel and Iron-Cobalt Bases

together in a high-frequency induction furnace. The melt was poured out to form sheets of 120 x 60 x 10 mm size. Samples were prepared by rolling of these sheets down to 3 mm thickness. The samples themselves were in the form of strips 110 mm long and 3 mm wide. They were annealed in an atmosphere of hydrogen for 6 hours at 1100°C with subsequent cooling in air. The final thermal treatment was carried out in a Silit furnace in 10-3 mm Hg vacuum; it consisted of heating to 1100°C for 3 hours with gradual cooling to 200°C in steps of 50°C (3 hours in each step) and final cooling to room temperature. The chemical composition of the alloys is given in a table on p 1012. Values of the longitudinal and transverse magnetostriction at saturation λ_{\parallel} and λ_{\perp} determined from curves $\lambda_{\parallel}(H)$ and $\lambda_{\perp}(H)$ by extrapolation of the linear parts of the curves to the λ -axis (Figs.3a, 4a and 5a) and are given in the table on p 1012. Fig. 2 shows longitudinal and transverse magnetostriction plotted in a corner of the Fe-Ni-Co phase triangle. At various points in this triangle, corresponding to the compositions of the alloys Card 3/7 the magnetostriction values are given in the form of vertical

Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Alloys with Iron-Nickel and Iron-Cobalt Bases

lines. The lengths of these lines above each point represent the longitudinal magnetostriction and the lengths below the point represent the transverse magnetostriction. On the sides of this triangle the author plotted also some values of magnetostriction at saturation of binary iron-nickel and iron-cobalt alloys taken from the work of Masiyama (Ref.1) and Shul'tse (Schultze) (Ref.2). The table on p 1012 gives also the values of the saturation magnetization $I_{\rm g}$, as well'as the values of $\lambda_{\rm u} = 2(\lambda_{\rm H} - \lambda_{\rm L})/3$ and $R = \lambda_{\rm H} - \lambda_{\rm u}$. When R = 0 magnetic texture and volume (bulk) magnetostriction are absent. When R is positive bulk magnetostriction occurs on magnetization, while negative R signifies magnetic texture in the direction of measurement. The table on p 1012 shows that in the α -phase region of alloys with iron-cobalt base, containing up to 30% of cobalt (samples 1-6), the bulk magnetostriction is small and the "second rule

of even effects" is obeyed approximately. In alloys in the

Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Alloys with Iron-Nickel and Iron-Cobalt Bases

same region but with more than 30% cobalt (samples 7-12), considerable bulk magnetostriction occurs on magnetization. In transition $(\alpha + \gamma)$ alloys, large changes in volume on magnetization occur in samples of alloys 15 and 20. Similar large volume changes occur in Y-phase permalloy-type alloys 26-27. Magnetic texture is present in alloys 9, 22, 25 and 28. From $\lambda_{11}(H)$ and $\lambda_{1}(H)$ curves two further types of curves were constructed: magnetization as a function of magnetostriction $I(\lambda)$ and magnetostriction as a function of the square of magnetization $\lambda(I^2)$. Typical $I(\lambda)$ and λ(I²) curves are shown in Figs. 3, 4 and 5. Presence of magnetic texture in the initial magnetic state of a sample may be deduced from $I(\lambda)$ curves. For example, the $I(\lambda)$ curve in Fig.46 for the alloy 28 shows that on magnetization of the latter to above 500 gauss, its magnetostriction is equal to 0 , which indicates the presence of magnetic texture. Figs. 46 and 56 show that the shape of the $I(\lambda)$ curves is not the same for all alloys. One type of the $I(\lambda)$ curves, shown in Fig. 46, is characterised by increase Card 5/7 of magnetization up to a certain value above which it does

SOV/126-6-6-7/25 Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Alloys with Iron-Nickel and Iron-Cobalt Bases

not depend on magnetostriction. This type of curve occurs in alloys in which volume changes are observed on magnetization. The second type of $I(\lambda)$ curves, as shown in Fig.55, is characterised by increase of magnetostriction with magnetization up to a certain value of the latter, above which it is independent of magnetization. Such curves occur in α -phase alloys, whose volume change on magnetization is small and for which the "second rule of even effects" is valid. The $\lambda(T^2)$ curves make it possible to find the values of magnetostriction constants λ_{100} in the 100 direction in monocrystals, using Akulov and Kondorskiy's formula (Ref.3):

 $\lambda = (3/5)\lambda_{100}(I/I_s)^2$. When this formula is used

for an alloy with 1.2% nickel, 25.6% cobalt and 73.2% iron (alloy Nr 3), the value of the magnetostriction constant was found to be $\lambda_{100} = 53.5 \times 10^{-6}$ compared with the longitudinal

Card 6/7

Magnetostriction and Magnetization of Ternary Iron-Nickel-Cobalt Alloys with Iron-Nickel and Iron-Cobalt Bases

magnetostriction of polycrystal samples $\lambda_{\parallel}=32.2 \times 10^{-6}$. This means that if an alloy is produced with the texture oriented along the [100] axis, magnetostriction can be increased by a factor of 1.5. Such a method of increasing magnetostriction was developed by Bryukhatov (Ref.4) for nickel and by Nesbitt (Ref.5) for an iron-cobalt alloy, 30% of iron. There are 5 figures, 1 table and 5 references, 3 of which are Soviet, 1 Japanese and 1 English.

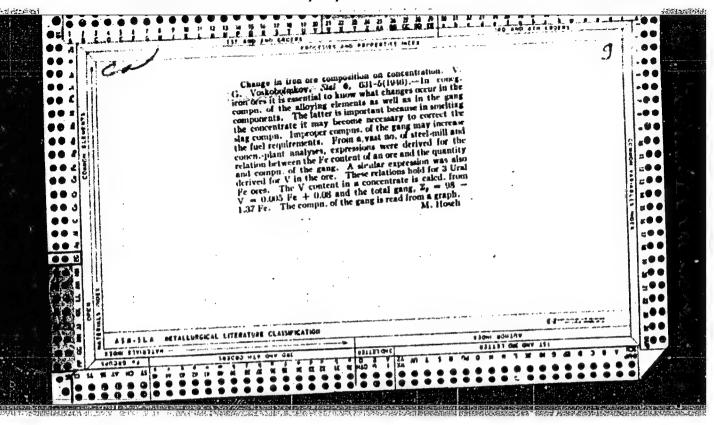
ASSOCIATION: Moskovskiy institut inzhenerov zheleznodorozhnogo transporta (Moscow Institute of Railway Transport Engineers)
SUBMITTED: May 28, 1957.

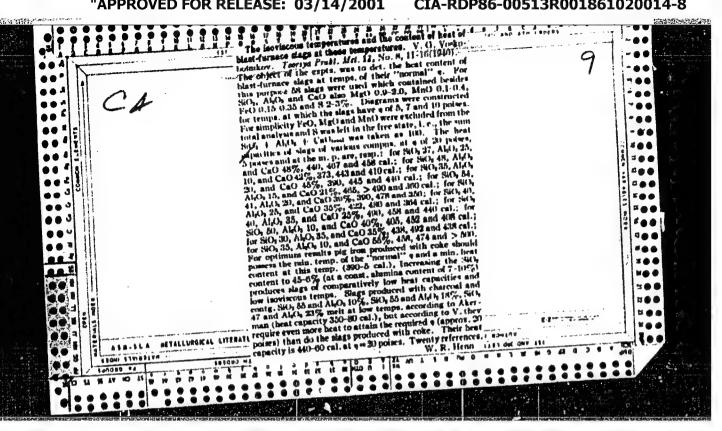
Card 7/7

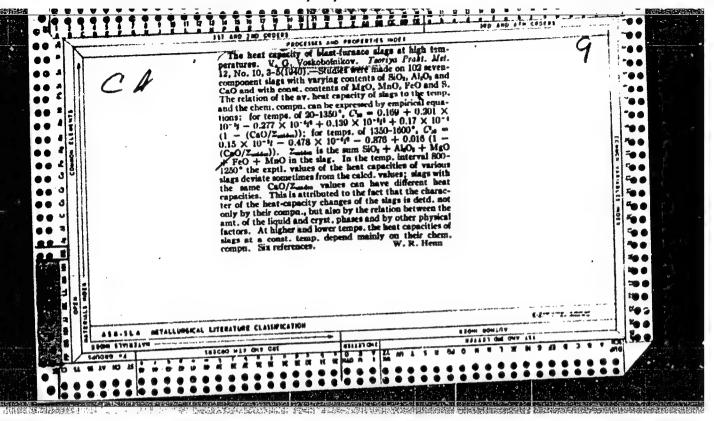
HIT IN THE LIFE BY THE SECOND OF THE SECOND
ARUTYUNOV, N.B., inzh., red.; VOSKOBOYNIKOV, V.G., doktor tekhn.
nauk, red.; GOTLIB, A.D., prof., doktor tekhn.nauk, red.;
GUSOVSKIY, A.A., inzh., red.; KRASAVTSEV, N.I., kand. tekhn.
nauk, red.; NEKRASOV, Z.I., akademik, red.; OSTROUKHOV, M.Ya.,
kand. tekhn. nauk, red.; POKHVISNEV, A.N., prof., doktor
tekhn.nauk, red.; RAMM, A.N., prof., doktor tekhn. nauk, red.;
TSYLEV, L.M., prof., doktor tekhn. nauk, red.; POZDNYAKOV,
G.L., red. izd-va; ISLENT!YEVA, P.G., tekhn. red.

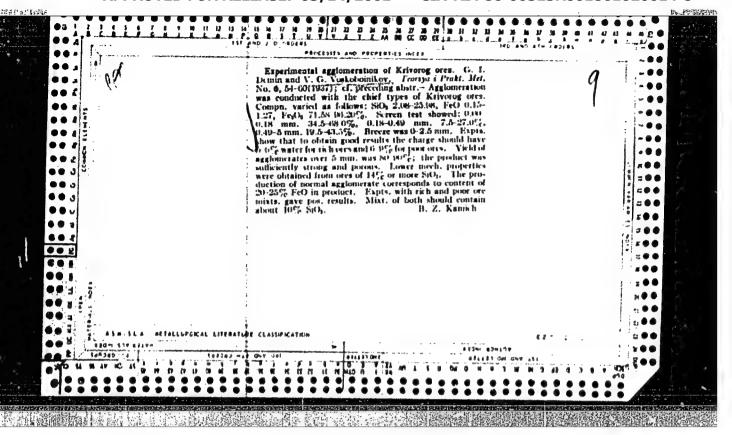
[Blast furnace process according to most recent developments; on the 100th. anniversary of Academician M.A.Pavlov's birth] Domennyi proteess po noveishim issledovaniiam; & 100-letiiu so dnia rozhdeniia akad. M.A.Pavlova. Moskva, Metallurgisdat, 1963. 325 p. (MIRA 16:8)

1. AN Ukr.SSR (for Nekrasov).
(Blast furnaces)
(Pavlov, Mikhail Aleksandrovich, 1863-1958)









VOSKOBOYNIKOV, V. G.

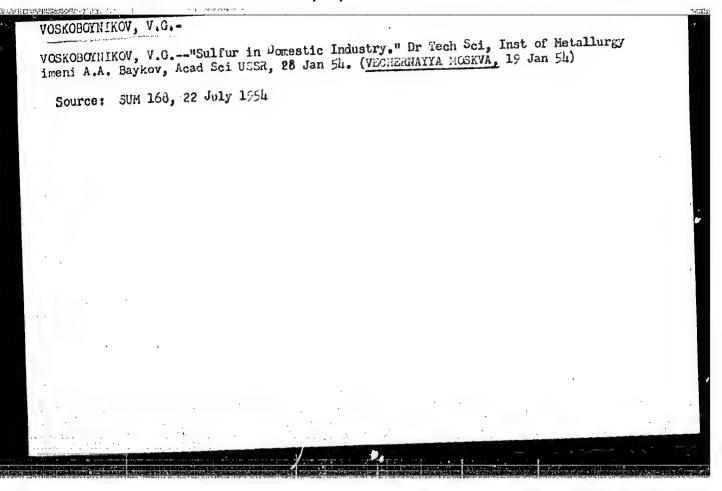
Voskoboynikov, V. G.

"The reduction smelting of sulfur", Trudy Tsentr. nauch-issled, in-tachernoy netallurgii, Issue 1, 1948, p. 5-46, - Bibliog: 33 items.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

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English and the property of th

VOSKOBOYNIKOV, V.G.; KHROMOV, V.A.; FEBEKO, A.F.; MKRTCHAN, L.S.; HITSKEVICH, O.V.; BIRMAN, A.I.

Mathematical analysis of certain design parameters of thermal conditions of the blast furnace process. [Shor. trud.] TSNIICHM (MIRA 17:4) no.2919-23 '63.

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Voskoboynikov, Khromov, Rebeko, Mkrtchan).
2. TSentral'nyy nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii (for Mitskevich, Birman).

VOSKOBOTHIKOV, V.G., doktor tekhnicheskikh mauk.

Use of oxygen in steel smelting. Shor.trud.TSBIICHM no.13:12-17 '56.
(MLRA 9:11)

(Oxygen--Industrial applications)
(Steel--Metallurgy)

SAMARIH, A.M., otvetstvennyy redaktor; TSYLEV, L.M., professor, doktor, redaktor; YOSKOBOYNIKOV, V.G., doktor tekhnicheskikh nauk, redaktor; OSTROUKHOV, K.Ta., Lendidst tekhnicheskikh nauk, redaktor; CHEMOV, A.M., redaktor izdatel'stva; KISELEVA, A.A., tekhnicheskiy redaktor [Investigation of blast furnace processes] Issledovanie domennogo protessa. Moskva, 1957. 255 p. (NIRA 10:4)

1, Akodemiya nauk SSSR, Institut metallurgii.
2. Ghlen-korrespondent AN SSSR (for Samarin)
(Blast furnaces)

VOSKOBOYNIKOV, V.G.

137-1958-1-202

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 32 (USSR)

Voskoboynikov, V.G., Adabash'yan, A.K. **AUTHORS:**

Prospects of Development of Automation in Blast-furnace, Steel-TITLE: smelting and Rolling Operations, and the Problems Before Science

in Connection Therewith (Perspektivy razvitiya avtomatizatsii domennogo staleplavilinogo i prokatnogo proizvodstv i zadachi

PERIODICAL: V sb.: Sessiya AN SSSR po nauchn. probl. avtomatiz. proiz-va. Kompleksn. avtomatiz. proizv. protsessov. Moscow,

AN SSSR, 1957, pp 122-138

The need for automatic control of open-hearth furnaces, and ABSTRACT: for overall process-control mechanization and automation of

rolling mill operations is indicated. It is also necessary to proceed toward the overall process-control automation of control of blast furnaces. The basic and essential problems involved in turther process-control automation are posed for each of these primary fields of iron and steel production. The unsatisfactory

organization of the investigations and planning operations now

under way is noted, as is the need to elaborate new continuous Card 1/2

137-1958-1-202

Prospects of Development of Automation in Blast-furnace, (cont.)

technological processes susceptible to automatic overall-process control.

M.L.

1. Open hearth furnaces--Automaticn 2. Blast furnaces--Automaticn matien 3. Rolling mills--Automaticn 4. Steel industry--Equirment-USSR

Card 2/2

VOSKOBOYNIKOV, V. G.

137-58-5-9026

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 40 (USSR)

AUTHORS: Voskoboynikov, V.G., Goloskov, B.V.

TITLE: Desulfurization of Pig Iron With Magnesium (K voprosu ob obes-

serivanii chuguna magniyem)

PERIODICAL: Sb. tr. Mosk. vech. metallurg. in-t, 1957, Nr 2, pp 40-52

ABSTRACT: Metallic Mg (MM) has been initially employed in foundries as a modifier which spheroidized the graphite contained in pig iron; more recently it has been employed as a desulfurizing agent. Attempts to utilize MM for desulfurization purposes have usually failed: after desulfurized pig iron had been subjected to blowing in a Bessemer converter, or after it had been reduced in an electric furnace, the amount of S contained in the metal was found to be greater than it had been in the original pig iron. This was explained by the fact that, instead of removing the S, the MM caused it to form chemical compounds in which the S could not be determined by means of standard chemical analysis methods. The success of the Kanash plant in producing Bessemer

steel with low S content from desulfurized pig iron was the Card 1/2 reason for a special investigation ordered by the TsNIIChM.

137-58-5-9026

Desulfurization of Pig Iron With Magnesium

Addition of 0.3-0.35% Mg under laboratory conditions did not produce any supporting results, although a high degree of desulfurization was observed in individual experiments. Shop experiments employing radioactive tracers have shown that the Mg treatment of pig iron will reduce its S content by 65-70% on the average. Negative results obtained are explained by the difficulties connected with the removal of the slag which consists of MgS and forms a pulp-like mass mixed with pig iron, on the surface of the metal after the pig iron had been desulfurized; as a result of this condition, the S contained in the fraction of slag which had not been removed, re-enters the metal during the blowing process. The Kanash plant achieves its low-sulfur converter steel by employing effective methods of slag removal.

M.O.

1. Iron--Desulfurization 2. Magnesium--Applications

Card 2/2

VOSKOBOYNIKOV, V. G. (Dr. Tech. Sci.); ADABASH'YAN, A. K. (Eng.)

"Trends of Development of Automation of Blast Furnace, Steel Melting and Rolling Production and Problems of Science,"

paper read at the Session of the Acad. Sci. USSR, on Scientific Problems of Automatic Production, 15-20 October 1956. Avtomatika i telemekhanika, No. 2, p. 182-192, 1957.

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MANTSEV, R.M.; GUBERT, S.V.; CHARIKHOV, L.A.; VOSKOBOYNIKOV, V.G.; STOSHA, Ye.A.

For an overall mechanization and a widespread automation in metallurgy. Metallurg 9 no.6:1-3 Je 164. (MIRA 17:9)

1. Direktor Gosudarstvennogo soyuznogo instituta po projektirovaniyu agregatov staleliteynogo i prokatnogo proizvodstva dlya chernoy metallurgii (for Mantsev). 2. Direktor Gosudarstvennogo soyuznogo instituta po projektirovaniyu metallurgicheskikh zavodov (for Gubert). 3. Glavnyy inzh. Tsentral'noy laboratorii avtomatiki (for Charikhov). 4. Zamestitel' direktor Instituta novoy metallurgicheskoy tekiniki Tsentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii im. I.P. Bardina (for Voskoboynikov) 5. amestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo i projek unokonstruktorskogo instituta metallurgicheskogo mashino-stroyeniya (for Stosha).

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。 第一分。在各个学习的自己,并不是这些影响是解释。

VOSKOBOYNIKOV, V.G., prof., doktor tekhn. nauk; ZHEREBIN, B.N., prof.; LIKHODIYEVSKIY, V.A., inzh.; MISHIN, P.P., inzh.; RAYEV, Yu.O., inzh.

Dynamics and control of coke burning processes in the tuyers zone of a blast furnace. Stal' 24 no.11:975-980 N '64.

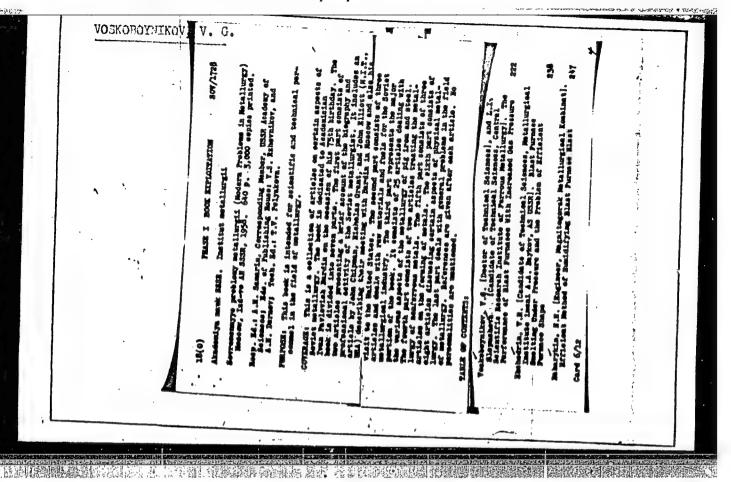
(MIRA 18:1)

/2. /. ASTROV (fau), Central Research Institute of Iron USSR and Steel [possibly the Central Scientific Fesearch Institute of Ferrous Metallurgy] [Possibly Ye. I. ASTROV who was Fead, Central Laboratory - Metallographic Laboratory, Gorkiy Metallurgical Plant, in 1960) - "Continous casting - present and future prospects" MIKHALEVICH, Georgiy, ECE Steel and Engineering Section - Standard and modern steelmaking." Based mainly on information developed for the ECE study, "Comparison of steel-making processes," which will be distributed at the opening meeting. RUDKOT, A. K., Chief Engineer, Steel Plant imeni F. E. Dzerzhinskiy - 'Sintering practice on a large-scale" VCSKOBOYNIKOV, V. G., Central Research Institute of Iron and Steel [possibly the Central Scientific Research Institute of Ferrous Metallurgy] -"Developments at the blast furnace - top pressure, sinter practice, hydro-carbon injection, oxygen" report to be presented at the Inter-regional Symposium on Iron and Steel in Developing Countries, United Nations Recommic and Social Council (ECCSCC), Prague Caechoslovakia, 11-16 Nov 1963.

GOL'DSHTEYN, Nison L'vovich; VOSKOBOYNIKOV, V.G., prof., doktor tekhn.
nauk, retsenzent; NEKRASOV, N.K., dots., kand. tekhn. nauk, retsenzent; VATOLIN, N.A., kand. tekhn. nauk, retsenzent;
LEPINSKIKH, B.M., retsenzent; POPEL', S.I., prof. doktor tekhn.
nauk, red.; BUR'KOV, M.M., red. izd-va; TURKINA, Ye.D., tekhn.
red.

[Short course on the theory of metallurgical processes] Kratkii kurs teorii metallurgicheskikh protsessov. Sverdlovsk, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 334 p. (MIRA 15:2)

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SOV/137-58-9-18533

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p50 (USSR)

AUTHOR: Voskoboynikov, V.G.

TITLE: The Effect of Sulfur Contained in Coke on the Coke Consumption in Open-hearth Smelting (Vliyaniye soderzhaniya sery v kokse na raskhod koksa pri domennoy plavke)

PERIODICAL: V sb.: Issled. domennogo proțsessa. Moscow, AN SSSR, 1957, pp 138-147

ABSTRACT: Experimental data provided by the author can be used to solve problems dealing with the distribution of S between cast iron, slag, and gases and, in particular, to determine the alkalinity of slag required to obtain a desired composition of cast iron. The computations are based on the equation $L_s^t = (\Sigma S_{res}/[S] \ 1)/n$ where L_s^t is the constant of distribution of S between the slag and the cast iron at the temperature t of the slag at the time of its discharge; ΣS_{res} the quantity of S remaining in the furnace expressed in percent with reference to the weight of cast iron; n the relative amount of slag; [S] the sulfur content in the cast iron expressed in percent. If the values of ΣS_{res} and n are known, it is possible to compute the value of L_s^t and, subsequently,

SOV/137-58-9-18533

The Effect of Sulfur Contained in Coke (cont.)

the coefficient of distribution of S at a temperature of 1450° C with the aid of the expression $L_s^{1450}=L_s^{t}/$, where is the temperature coefficient, which is computed with the aid of empirical formulae in accordance with the temperature of the slag at the time of its discharge; in turn the temperature of the slag may be calculated from the S content of the cast iron. Once the value of L_s^{1450} is computed, the alkalinity of the slag (RO:SiO₂) required for the achievement of necessary conditions for desulfurization may be computed with the aid of a graph derived by the author. The computational results indicate that the additional consumption of coke due to its increased S content, increases with an increasing richness of the charge. At a yield of slag, n=0.75, with a coke containing 1.0-2.1% S, an 0.1% increase in the S content of the coke corresponds to a 1.4% increase in coke consumption. At a greater content of S in the coke, the consumption of the latter increases and, at 2.5%, reaches a value of 2.1% per 0.1% S contained in the coke. At a yield of slag n=0.5 and a sulfurous coke (2.5% S), a 0.1% variation in S content produces a 5% change in the consumption of coke.

1. Open hearth furnaces-Operation 2. Coke--Consumption 3. Sulfur--Performance

F. K.

Card 2/2

Wistory of the origin of geographical names in Kamchatka. Izv.
Vses. geog. ob-va 94 no.1:55-61 Js-F '62. (MIRA 15:3)
(Kamchatka-Names, Geographical)

VOSKOBOYNIKOV, V.I., inzh.

Hose-type gas and heat protection apparatus. Bezop. truda v pros.
2 no.8:28-90 Ag '58. (MIRA 12:7)

1.TSentral'naya nauchno-issledovatel'skaya laboratoriya voyeniziro-vannykh gornospasatel'nykh chastey.
(Safety appliances)

18(5)

SOV/112-59-3-5573

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 3, p 186 (USSR)

AUTHOR: Voskobovnikov. V. I.

TITLE: Investigation of Ventilating Conditions in Mines During Underground Fires by Means of an Electric Simulator (Issledovaniye ventilyatsionnykh rezhimov shakht pri podzemnykh pozharakh s pomoshch'yu elektricheskoy modeli)

PERIODICAL: Ugol' Ukrainy, 1958, Nr 1, pp 19-24

ABSTRACT: Using electric simulators parmits adequately controlling mine ventilation, necessary for conducting rescue operations, during fires. Investigation of air redistribution in the ventilating system, depending on the point of fire, mining conditions, and rescue operations, can be conducted on an AEMVS electric simulator of ventilation systems built by Dnepropetrovskiy zavod selenovykh vypryamiteley (Dnepropetrovsk Plant of Selenium Rectifiers). The simulator is based on an analogy between air distribution in a ventilation system and current distribution in an electric network of the same

Card 1/2

Investigation of Ventilating Conditions in Mines During Underground Fires by . . .

configuration. The electric network resistors are selected with an allowance for the fact that the air flow through mine tunnels obeys the quadratic law. The coefficients for equations describing air distribution in the ventilation system are taken from data of the latest mine depression survey. The basic circuit diagram of the AEMVS simulator and its power-supply data are presented. A case of simulating the thermal depression of a fire and of various ventilation measures is examined. Five illustrations.

Ye.G.S.

Card 2/2

VOSKOBOYNIKOV, V.I., starshiy nauchnyy sotrudnik

Use of electric modeling to establish favorable ventilation conditions in mines during underground fire extinction. Ugo1' Ukr. 4 no.7:16-20 J1 '60. (MIRA 13:8)

1. TSentral naya nauchno-issledovatel skaya laboratoriya Voyenisirovannykh gornospasatel nykh chastey.

(Mine fires)

(Mine ventilation-Electromechanical analogies)

VOSKOBOYNIKOV, V.I., starshiy nauchnyy sotrudnik

Study of the parameters of a ventilating current passing through the focus of an underground fire. Trudy Sem.po gor.teplotekh. no.4:42-48 *62. (MIRA 15:8)

1. TSentral naya nauchno-issledovatel skaya laboratoriya po gornospasatel nomi delu.

(Mine fires) (Mine ventilation)

VOSKOBOYNIKOV, Vladimir Ivanovich

Academic degree of Doctor of Medical Sciences, based on his defense 17 March 1955, in the Council of the Odessa State Medical Inst imeni Pirogov, of his dissertation entitled: "The Significance in Legal Medicine of Preliminary Blood Tests."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 27, 24 Dec 55, Byulleten' MVO SSSR, Uncl. JPRS/NY 548

VOSKOBOYNIKOV, V.K.

Effect of ultrasonics on the peripheral nerve fibers and nerve endings. Biul. eksp. biol i med. 50 no.12:98-102 D 60.

1. Iz kafedry gistologii (nauchnyy rukovoditel - prof. N.D. Zaytsev) i kafedry fiziki (zav. - prof. Ye.M.Skublevskiy) Stanipslavskogo meditsinskogo instituta (dir. - dotsent G.A.Babenko). Predstavlena deystvitel nym chlenom AMN SSSR V.V. Parinym. (NERVES, PERIPHERAL)

(ULTRASONIC WAVES PHYSIOLOGICAL EFFECT)

MAGDA, I.I., professor, doktor; SHALDUGA, N.Ye., assistent; VOSKOBOYNIKOV, V.M., aspirant.

New method of rumenotomy. Shor.trud.Khar'.vet.inst. 21:425-431 '52. (MLRA 9:12)

Kafedra operativnoy khirurgii Kharkovskogo veterinarnogo instituta.
 (Veterinary surgery) (Stomach-Surgery)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020014-8"

GUBAREVICH, YA. G.; VOSKOBOYNIKOV, V. M.

"Experimental and clinical data on pituitrine and calcium chloride effect on cow uterus."

report submitted to 5th Intl Cong, Animal Reproduction & Artificial Insemination, Trent, Italy, 6-13 Sep 64.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020014-8"

VOSKOBOYNIKOV, V. M. Assistant Professor, Vitebsk Veterinary Institute.

Pathogenetic therapy with antibiotics for mastitis control in cows, Veterinariya, Vol. 37, No. 12, p. 51, 1960.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020014-8"

USSR/Diseases of Farm Animals. General Problems.

R

Abs Jour: Ref Zhur-Diol., No 15, 1958, 69469.

Author : Shalduga, N. Ye. Voskoboynikov, V.M.; Kompantsev, V.A.

Inst Title

: Intra-Osseous and Intravenous Alcohol-Chloral Hydrate

Induced Narcosis in Swine.

Orig Pub: Veterinariya, 1957, No 7, 63-64.

Abstract: Chloral hydrate in a dose of 0.1 g. was dissolved in 33% alcohol. In intra-osseous narcosis, the solution was injected either into the red bone marrow substance of the second segment of the sternum or into the upper epiphysis of the humerus. In intravenous narcosis, the solution was injected into the great ear vein. Narcosis was setting in

Card : 1/2

	Enucleation of the corpus luteum stimulates the sexual function. Veterinatiia 41 no.2:82-84 F '65. (MIPA 18:3)					
	1. Vitebskiy veterinarnyy institut.					
,						

GUBAREVICH, Ya G., prof.; VOSKOBOYNIKOV, V.M., dotsent; KOCHETOV, M.V., kand. veterin. nauk

Detecting subclinical forms of mastitis in cows. Veterinariia 41 no.9:85-86 S *64. (MIRA 18:4)

1. Vitebskiy veterinarnyy institut.

VOSKOBOYNIKOV, V.M., dotsent

Combined treatment for the retention of placenta in cows. Veterinariia 41 no.3:69-70 Mr '64. (MIRA 18:1)

1. Vitebskiy veterinarnyy institut.

Voskobovnikov, V.M., dotsent

Using the cesarean section. Veterinariia 40 no.10:39-40 0'63.

1. Vitebskiy veterinarnyy institut.

MAKSINOV, V.I.,dots.: VOSKOBOYNIKOV, V.M.,dots.: KOVSHIKOVA, L.P.,assistent

Conduction anesthesia in diagnosing infectious balanitis in bulls. Veterinaria 36 no.1:64-66 Ja '59. (MIRA 12:1)

1. Vitebskiy veterinarnyy institut.
(Vaginitis in cattle) (Novocaine)

SHALDRA, E.Ye.: WSEDBOYNIKOV, V.E.: KCEP.ETSSV. V.A.

Intra-osesous and intravenous alcohol-chloral anesthosia in spine.
Veterinsmin % no.7:63-64 Jl '5'. (ERA 10:8)

1.Enar kovskiy veterinaryy institut.
(Anesthesia in veterinary surrary)
(Galoral) (Alcohol--Therapoutic use)

VOSKOBOYNIKOV, V.H., assistant.

Lumbar epidural anesthesia in cattle. Sbor. trud. Thar'. vet. inst. 22:399-407 '54. (MIRA 9:12)

· Line of Franklin .

1. Kafedra operativnov khirurgii i topograficheskov anatomii Kharikovskogo veterinarnogo instituta. (Anesthesia) (Veterinary surgery)

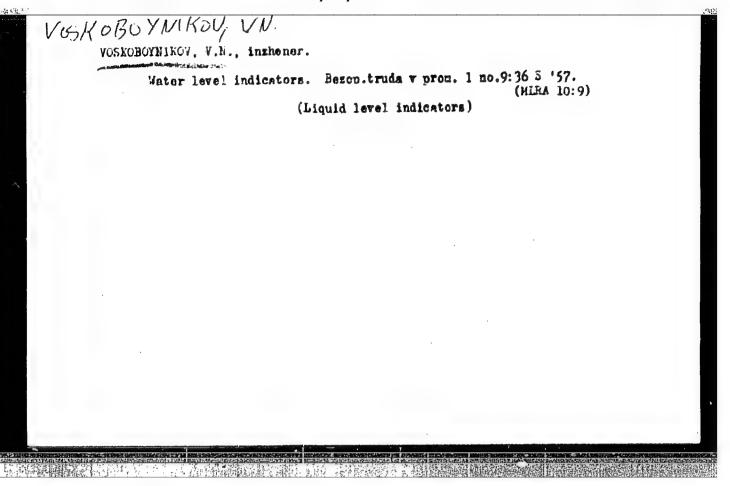
VOSKOBOYNIKOV, V. M., (Assistant Professor, Vitebsk Veterinary Institute)
Intravenous injection of novocain-penicillim solution in mastitis
Veterinariya vol. 38, no., 10, October 1961 pp 59

VOSKOBOYNIKOV, V.M., dotsent

Pathogenic therapy combined with antibiotics in treating mastitis in cows. Veterinariia 37 no.12:51-53 D '60. (MIRA 15:4)

Vitebskiy veterinarnyy institut.
 (Udder--Diseases) (Cows--Diseases and pests)

Intravenous injection of a novocaine-penicillin solution against mastitis. Veterinariia 38 no.10:59-60 0 '61. (MIRA 16:2) 1. Vitebskiy veterinarnyy institut. (Novocaine) (Penicillin) (Udder-Diseaser)



VOSKOBOYNIKOV, YE

SUBJECT:

USSR/Technical Schools

27-4-7/19

AUTHOR:

Voskoboynikov, Yo., Director of Technical School Nr. 19

(Novosibirak)

TITLE:

News about Teaching (Novoye w uchebnom protsesse)

PERIODICAL:

Professional no - Tekhnicheskoye Obrazovaniye, April 1957,

4 (143), pp 16-18 (USSR)

ABSTRACT:

The article explains the theoretical and practical instructional methods used by the school with emphasis on industrial training. The author emphasizes that the foremen pay too little attention to the quality of the work done by the students, for which different reasons are quoted. However,

corrective measures are being undertaken.

There is one photo.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE:

At the Library of Congress

Card 1/1

VOSKOBOYNIKOV, Yo.

New elements in the educational process. Prof.-tekh. obr. 14 no.4: 16-18 Ap 157. (MIRA 10:4)

1. Direktor tekhnicheskogo uchilishcha no.19, Novosibirsk. (Novosibirsk--Technical education)

RUSINOV, A.A.; VOSKOBOYNIKCY, V.N.; DUBINKO, T.P.; ILYUSHIN, V.I.;
VRUBLEYSKAYA, F.L.; BUNCHUK, M.I.; RYABEN'KIY, L.M.; MARGOLIN,
D.I.; SAZYKINA, K.V., kand.ekon.nauk; BUGAREVICH, V.S.;
KUPTSOVA, V.A.; KALINOVSKIY, M.D.; MELESHKEVICH, O.A.;
TYABUT, M.A., red.; LAZARCHIK, K., red.; KALECHITS, G.,
tekhn.red.

[Reference book on the establishment of work norms on collective farms] Sprayochnik po normirovaniiu truda v kolkhozakh. Minsk, Gos.izd-vo BSSR, Red.sel'khoz.lit-ry, 1960. 151 p.

(MIRA 14:3)

1. Akademiya sel'skokhozyaystvennykh nauk ESSR. Institut ekonomiki. 2. Institut ekonomiki i organizatsii sel'skokhozyaystvennogo proizvodstva Akademii sel'skokhozyaystvennykh nauk BSSR (for Voskoboynikov, Dubinko, Ilyushin, Vrublevskeya, Bunchuk, Bugarevich, Kuptsova, Kalinovskiy). 3. Starshiy inspektor Upravleniya po orgkolkhoznym delam Ministerstva sel'skogo khozyaystva BSSR (for Meleshkevich).

(Agriculture--Production standards)

MARDER, M.I.; VOSKCEOYNIKOV, Yu.L.

Results of a competition for a better proposal to reduce the cost of designing and building tank farms. Transp. i khran. nefti i neft-prod. no.6:33-34 '64. (MIRA 17:9)

1. Glavnefteenabsbyt UkrSSR.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861020014-8"

THE COURSE OF THE PROPERTY OF

VOSKOBOYNIKOV, Yu.D.

Vulcanization of conveyor belts. Put' i put.khoz. 9 no.4:39 '65.

(MIRA 18:5)

1. Glavnyy inzh. Kamyanitskogo shchebenochnogo zavoda, stantsiya Kamyanitsy, L'vovskoy dorogi.

Reviewed of A.A. IUrgenson's book "Mitriding in the power machinery industry." Metalloved. i term. obr. met. no.9:62-63 S '63. (MIRA 16:10)

S/276/63/000/002/018/052 A052/A126

AUTHORS:

Lyakhovich, L.S., and Voskoboynikova, N.A.

TITLE:

Effect of isothermic hardening on the properties of 40X (40Kh)

eteel with boron

PERIODICAL:

Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 2, 1965, 64, abstract PROT In collection: "Novoye v metalloved. 1 tekhnol. term. oprabotk. stali". Chelyabinsk, 1962,211-21).

TEXT: Ine investigation was carried out on 'energe-type impact samples and on branks 4 cm in limiter and 'n mm ring made of 4 x 4 x 7 14 x 4 x 7 atesis. The samples were reated for hardening in a well reduced bath of the following domp sition: no-70% hazdes and 40-500 had. The temperature of heating for hardening was 860 ± 10°C, the holding for the samples was 5 min and for the blanks 40mm in diameter, 18 min. Isothermic hardening was carried out in an alkali bath (100% NaON) with a mechanical stirring at 530, 350, 400, 430 and 450°C for impact samples and at 350°C for the blanks 40mm in ciameter. The holding in the nardening medium for impact samples was 15, 20 and 30 min and for the blanks 40mm in ita-

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Effect of isothermic hardening ...

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meter, 20 min. The cooling after isothermic hardening was made in water. The toughness and hardness of the steels at different holdings and cooling temperatures was determined. The fracture of the steels after isothermic hardening and their microstructure were analyzed. There are 3 figures and 5 referances.

T. Kislyakova

(Abstracter's note: Complete translation.)

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WOSKOBOYNIKOVA, S. B. Cand Wed Sci -- (diss) "Intravenous and intra-osseous with preparations of barbituric acid," Khar'kov, 1957 anesthesia of children with preparations of barbituric acid. Khar'kov, 1957

12 pp 20 cm. (Khar'kov Oblastusya Clinical Hospital. Khar'kov Med Inst), 200 copies. (KL, 15-57, 107)

	Raise the standard of economic work. Fin. \$SSR 19 no.8:65-68 Ag '58. (MIRA 11:9) 1. Zaveduyushchiy Kirovskim rayfinotdelom Moskvy (for Solov'yev). 2. Starshiy ekonomist Kirovskogo rayfinotdela Moskvy (for Voskoboynikova). (MoscowFinance)							
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					101			

VOSKOBOYNIKOYA, S.B., kand. med. nauk (Khar'kov, ul. Artema, d. 23, kv. 18)

Two cases of traumatic diaphragmatic hernia. Nov. khir. arkh. no.2: 111-112 Mr-Ap '59. (MIRA 12:7)

1. Kafedra detskoy khirurgii (zav. - prof. A.V. Gabay) na baze Khar!-kovskoy oblastnoy klinicheskoy bol!nitsy.
(DIAPHRAGM--HENNIA)